

RA Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,  
 RA Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,  
 RA Krzywinski M.I., Skalek U., Smailus D.E., Schnerch A., Schein J.E.,  
 RA Jones S.J., Marra M.A.;  
 RT "Generation and initial analysis of more than 15,000 full-length human  
 RT and mouse cDNA sequences.";  
 RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).  
 RN [3]  
 RN SEQUENCE FROM N.A.  
 RC TISSUE=Bone marrow, Colon, and Kidney;  
 RA Strauberg R.;  
 RL Submitted (APR-2003) to the EMBL/GenBank/DBJ databases.  
 DR EMBL; AF229179; AAG09466.1; -  
 DR EMBL; BC015099; AAHL5099.1; -  
 DR EMBL; BC014317; AAHL4317.1; -  
 DR EMBL; BC050606; AAHS0606.1; -  
 KW Hypothetical protein.  
 SQ SEQUENCE 222 AA; 25235 MW; 52C0ED522134ED05 CRC64;  
 Query Match 97.4%; Score 1073; DB 4; Length 222;  
 Best Local Similarity 100.0%; Pred. No. 2.7e-105;  
 Matches 206; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MLWLLFFLVTAHAEELCPGAEAFKVLRSIRRTALGDKAYAWDTNEEYLFKAMVAFSMRK 60  
 DB 1 MLWLLFFLVTAHAEELCPGAEAFKVLRSIRRTALGDKAYAWDTNEEYLFKAMVAFSMRK 60  
 QY 61 VPREATEISHVLLCNVTQVSFWVTDPSKNTLPAVEVQSAIRNKNRINNAPFLND 120  
 DB 61 VPREATEISHVLLCNVTQVSFWVTDPSKNTLPAVEVQSAIRNKNRINNAPFLND 120  
 QY 121 QTLEFLKIPSTLAPMPDPSVPIWIIIFGVIFCIIIVAILLISGIVQRRKNKEPSEVD 180  
 DB 121 QTLEFLKIPSTLAPMPDPSVPIWIIIFGVIFCIIIVAILLISGIVQRRKNKEPSEVD 180  
 QY 181 DAEDKCNMTIENGIPSDPLDMKGG 206  
 DB 181 DAEDKCNMTIENGIPSDPLDMKGG 206  
 RESULT 2  
 Q9ESG4 PRELIMINARY; PRT; 222 AA.  
 ID Q9ESG4  
 AC Q9ESG4;  
 DT 01-MAR-2001 (TRENBLrel. 16, Created)  
 DT 01-MAR-2001 (TRENBLrel. 16, Last sequence update)  
 DT 01-JUN-2003 (TRENBLrel. 24, Last annotation update)  
 DE Kidney-specific membrane protein NK-17 (061008J07Rik protein).  
 GN NK17 OR 061008J07RIK.  
 OS Mus musculus (Mouse).  
 OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
 OX NCBI\_TaxID=10090;  
 RN [1]  
 RN SEQUENCE FROM N.A.  
 RC STRAIN=ICB;  
 RX MEDLINE=99362608; PubMed=10432394;  
 RA Zhang H., Wada J., Kanwar Y.S., Tsuchiyama Y., Hiragushi K., Hida K.,  
 RA Shikata K., Makino H.;  
 RT "Screening for genes up-regulated in 5/6 nephrectomized mouse  
 RT kidney.";  
 RL Kidney Int. 56:549-558(1999).  
 RN [2]  
 RN SEQUENCE FROM N.A.  
 RP STRAIN=C57BL/6J; TISSUE=Kidney;  
 RX MEDLINE=21085660; PubMed=11217851;  
 RA Kawai J., Shinagawa A., Shibata K., Yoshino M., Itoh M., Ishii Y.,  
 RA Arakawa T., Hara A., Fukunishi Y., Konno H., Adachi J., Fukuda S.,  
 RA Aizawa K., Izawa M., Nishi K., Kiyosawa H., Kondo S., Yamataka I.,  
 RA Saito T., Okazaki Y., Gotohori T., Bono H., Kasukawa T., Saito R.,  
 RA Kadota K., Matsuda H.A., Ashburner M., Batalov S., Casavant T.,  
 RA Fleischmann W., Gaasterland T., Gissi C., King B., Kochiwa H.,  
 RA Kuehl P., Lewis S., Matsuo Y., Nikaido I., Pesole G., Quackenbush J.,

RA Schriml L.M., Staubli F., Suzuki R., Tomita M., Wagner L., Washio T.,  
 RA Sakai K., Okido T., Furuno M., Monno H., Baldarelli R., Barsh G.,  
 RA Blake J., Boffelli D., Bojunga N., Carninci P., de Bonaldo M.P.,  
 RA Brownstein M.J., Bult C., Fletcher C., Fujita M., Gariboldi M.,  
 RA Gustincich S., Hill D., Hofmann M., Hume D.A., Kamiya M., Lee N.H.,  
 RA Lyons P., Marchionni L., Mashima J., Mazzarelli J., Mombaerts P.,  
 RA Nordone P., Ring B., Ringwald M., Rodriguez I., Sakamoto N.,  
 RA Sasaki H., Sato K., Schoenbach C., Seya T., Shibata Y., Storch K.F.,  
 RA Suzuki H., Toyo-oka K., Wang K.H., Weitz C., Whittaker C., Wilming L.,  
 RA Wyehaw-Boris A., Yoshida K., Hasegawa Y., Kawaji H., Kohetsuki S.,  
 RA Hayashizaki Y.;  
 RT "Functional annotation of a full-length mouse cDNA collection.";  
 RL Nature 403:685-690(2001).  
 RN [3]  
 RN SEQUENCE FROM N.A.  
 RC STRAIN=FVB/N; TISSUE=Kidney;  
 RX MEDLINE=22380257; PubMed=12477932;  
 RA Strauberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,  
 RA Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,  
 RA Altshul S.F., Zeeberg B., Buetow K.H., Schaefer C.P., Bhat N.K.,  
 RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Heide F.,  
 RA Diatchenko L., Maruina K., Farmer A.A., Rubin G.M., Hong L.,  
 RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,  
 RA Brownstein M.J., Ustin T.B., Toshiyuki S., Carninci P., Prange C.,  
 RA Raba S.S., Iqbalano N.A., Peters G.J., Abramson R.D., Mullaly S.J.,  
 RA Posak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,  
 RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Bulyk S.W.,  
 RA Villalón D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,  
 RA Fahy J., Helton E., Kettman M., Madan A., Rodriguez S., Sanchez A.,  
 RA Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,  
 RA Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,  
 RA Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,  
 RA Krzywinski M.I., Skalek U., Smailus D.E., Schnerch A., Schein J.E.,  
 RA Jones S.J., Marra M.A.;  
 RT "Generation and initial analysis of more than 15,000 full-length human  
 RT and mouse cDNA sequences.";  
 RL Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).  
 RN [4]  
 RN SEQUENCE FROM N.A.  
 RC STRAIN=FVB/N; TISSUE=Kidney;  
 RA Strauberg R.;  
 RL Submitted (MAR-2003) to the EMBL/GenBank/DBJ databases.  
 DR EMBL; AF178085; AAG09306.1; -  
 DR EMBL; AK002337; BAB22022.1; -  
 DR EMBL; BC049912; AAH49912.1; -  
 DR MGD; MGI:1926234; Nsl7.  
 SQ SEQUENCE 222 AA; 25070 MW; C07E732CEB92935A9 CRC64;  
 Query Match 84.2%; Score 928; DB 11; Length 222;  
 Best Local Similarity 84.5%; Pred. No. 6e-90;  
 Matches 174; Conservative 15; Mismatches 17; Indels 0; Gaps 0;  
 QY 1 MLWLLFFLVTAHAEELCPGAEAFKVLRSIRRTALGDKAYAWDTNEEYLFKAMVAFSMRK 60  
 DB 1 MLWLLFFLVTAHAEELCPGAEAFKVLRSIRRTALGDKAYAWDTNEEYLFKAMVAFSMRK 60  
 QY 61 VPREATEISHVLLCNVTQVSFWVTDPSKNTLPAVEVQSAIRNKNRINNAPFLND 120  
 DB 61 VPREATEISHVLLCNVTQVSFWVTDPSKNTLPAVEVQSAIRNKNRINNAPFLND 120  
 QY 121 QTLEFLKIPSTLAPMPDPSVPIWIIIFGVIFCIIIVAILLISGIVQRRKNKEPSEVD 180  
 DB 121 QTLEFLKIPSTLAPMPDPSVPIWIIIFGVIFCIIIVAILLISGIVQRRKNKEPSEVD 180  
 QY 181 DAEDKCNMTIENGIPSDPLDMKGG 206  
 DB 181 DAEDKCNMTIENGIPSDPLDMKGG 206  
 RESULT 3  
 Q9ESG3 PRELIMINARY; PRT; 222 AA.  
 ID Q9ESG3  
 AC Q9ESG3;